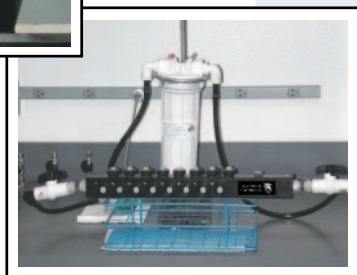




Impact, detection, and control of Microbiologically-Influenced Corrosion (MIC)



- MIC leads to internal pitting, the primary cause of failures in oil production and transportation systems
 - Problem particularly acute for Russian oil & gas industry
- Goal to develop local Russian chemicals as corrosion inhibitors that are:
 - “Green” — non-toxic, biodegradable
 - Less expensive, better performers than currently available products
 - Biocides that impact sulfate reducing bacteria
- Russian partner will develop inhibitors, test comparability with fluids
- New MIC treatments might be extended to other industries, especially water treatment systems



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